

[illegible]

Bleeding agent	Vascular reactivity	DOC Experiments ID	DOC library ID	DOC Bleeding ID	Altra Aggregation ID	Altra Library ID	Altra Aggregation ID	Altra Library ID	Reactive indicators	System	Substratum	Organ	Bleeding type	Bleeding assay	Gene layer	Description	Growth agent	Age	Sex	Ethnicity	Dose ID	Bleeding protocol	Exposure protocol	Library & reagent	Library reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & reagent	Library & 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Biomarker name	Vocabulary	Vocabulary representative	DOC Experiment ID	DOC Library ID	DOC Release ID	Atlas Aggregation ID	Atlas Library ID	Atlas Release ID	Replicate identifier	System	Subsystem	Organ	Biomarker type	Biomarker name	Embryo stage	Genotype	Disease	Growth rate	Age	Sex	Ethnicity	Dose ID	Biomarker protocol	Experiment protocol	Library & assay	Library & assay	Overall metric	Amount (numeric Add)	Noise count	Protein number	Library sequencing rate	Rate used	DOC-SPT score	Peak-to-base	Dise. index	
Stomach			ENC5R311GGA	ENC1886ZQW	ENC5234M4M	AG5024	LN4053	DS17659		Digestive	Stomach	Primary	Primary	Endoderm	Stomach	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	9.2	7740000	A-Surrogate	2011-01-05	1977828	0.3486	32414	32312		
Muscle_upper_limb			ENC5R186T	ENC183KADJ	ENC5088WQJ	LN4054	LN4054	DS17659		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Mesoderm	Muscle_upper_limb_sk	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	7.1	428000	A-Surrogate	2011-01-05	2073851	0.5151	45018	94177			
Lung_R		Pulmonary devel.	ENC5R390AUA	ENC180AKVX	ENC58917YH	AG5021	LN4056	DS17670		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	6.9	9.9	6960000	A-Surrogate	2011-01-06	4937407	0.5457	92107	91957		
Lung_L		Pulmonary devel.	ENC5R46KDF	ENC18731WYV	ENC50570YU	AG5020	LN4057	DS17674		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	6.9	9.4	5460000	A-Surrogate	2011-01-06	2124511	0.6124	60020	6884		
Adrenal			ENC5R41MAZJ	ENC18330XB	ENC5811W9RQ	AG5019	LN4058	DS17677		Endocrine	Adrenal Gland	Primary	Primary	Mesoderm	Adrenal	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	36.5	6000000	A-Surrogate	2011-01-06	27357799	0.3192	50517	50433		
CD3			ENC5R06AGDQ	ENC186420X	ENC501818	LN4061	LN4061	DS17682		Immunologic	T-cell	Primary	Primary	Mesoderm	Adrenal	Fetal	1080	F		HC2887		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	12.5	488000	Buffer	A	2011-01-11	19701003	0.5457	92107	99192	
Lung_L			ENC5R510TH	ENC18020YU	ENC58574M2	AG5016	LN4063	DS17739		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	13.9	850000	A-Surrogate	2011-01-12	19701013	0.5429	54760	54992		
Placenta			ENC5R989YVJ	ENC18652QZQ	ENC588997T	AG5015	LN4064	DS17744		Fetal Life Support	Placenta	Primary	Primary	Endoderm	Placenta	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	74	44.2	720000	A-Surrogate	2011-01-12	29561109	0.4454	51600	51339		
Intestine_Lg			ENC5R7R7QFX	ENC18566KW	ENC58444VX	AG5014	LN4065	DS17748		Digestive	Large Intestine	Primary	Primary	Endoderm	Intestine_Lg	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	25.9	5900000	A-Surrogate	2011-01-12	22396102	0.5997	34635	34392		
Kidney			ENC5R941DTJ	ENC1813KADJ	ENC50159SK	AG5012	LN4067	DS17753		Renal	Kidney	Primary	Primary	Mesoderm	Kidney	Fetal	1080	F		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	59.5	8970000	A-Surrogate	2011-01-13	31793627	0.4497	45331	44118		
Kidney_renal_corti			ENC5R254AGA	ENC18744DZ	ENC58250YJZ	AG5011	LN4068	DS17756		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	6.8	8.6	360000	A-Surrogate	2011-01-13	19776245	0.3782	33853	33754		
Kidney_renal_pelv			ENC5R580AAU	ENC18860AH	ENC58250YJZ	AG5010	LN4069	DS17760		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_pelv	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	70	25.7	7770000	A-Surrogate	2011-01-13	38898935	0.5063	63390	63167		
Intestine_Sm			ENC5R540AWA	ENC58368PM	ENC58252YHJ	AG5009	LN4070	DS17763		Digestive	Small Intestine	Primary	Primary	Endoderm	Intestine_Sm	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	6.9	9.3	670000	A-Surrogate	2011-01-13	22026426	0.481	47092	47191		
Muscle_back		Musculoskeletal	ENC5R317SH	ENC18755RQ	ENC58358LJ	AG5007	LN4072	DS17767		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_back	Fetal	910	M		HC2914		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	24	3600000	A-Surrogate	2011-01-13	34897687	0.5563	27382	22567	
Intestine_Lg			ENC5R133PJ	ENC18133PJ	ENC58994VX	AG5006	LN4074	DS17785		Digestive	Large Intestine	Primary	Primary	Endoderm	Intestine_Lg	Fetal	1200	F		HC2941		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	13	610000	A-Surrogate	2011-01-20	29352544	0.3742	55376	55278		
Kidney_renal_corti			ENC5R524QWS	ENC18771NFX	ENC58448VH	AG5005	LN4076	DS17804		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti	Fetal	1200	F		HC2941		Baseline protocol	Experiment protocol	PE	mi-EuTE	70	13.1	5160000	A-Surrogate	2011-01-20	29437186	0.4599	56973	56707		
Intestine_Sm		Digestive	ENC5R116WVV	ENC18081UWA	ENC58132LAN	AG5004	LN4077	DS17808		Digestive	Small Intestine	Primary	Primary	Endoderm	Intestine_Sm	Fetal	1200	F		HC2941		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	21.3	8690000	A-Surrogate	2011-01-21	68222035	0.3822	86891	86748		
Muscle_arm			ENC5R357PMY	ENC1844WEH	ENC58516CJQ	AG5003	LN4083	DS17825		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_arm	Fetal	1200	F		HC2941		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	23.5	670000	A-Surrogate	2011-01-25	40208181	0.5289	61758	61515	
Muscle_junk			ENC5R580AAU	ENC18652QZQ	ENC58444VX	AG5008	LN4074	DS17785		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_junk	Fetal	1080	F		HC2941		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	17.4	800000	A-Surrogate	2011-01-25	32932544	0.5457	92107	99192	
Lung_R		Pulmonary devel.	ENC5R44XYVW	ENC18236QZS	ENC58994VX	AG5001	LN4085	DS17831		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	24.6	6900000	A-Surrogate	2011-01-25	71941716	0.5422	99633	96475		
Lung_L			ENC5R000XED	ENC183095QF	ENC58845M1	AG5000	LN4086	DS17835		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	6.9	3.3	760000	A-Surrogate	2011-01-25	11589339	0.5242	30080	30019		
Intestine_Lg		Digestive	ENC5R786VJ	ENC18888R	ENC58957LJ	AG5009	LN4087	DS17841		Digestive	Large Intestine	Primary	Primary	Endoderm	Intestine_Lg	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	25.7	858000	A-Surrogate	2011-01-26	80490280	0.5234	109012	106677		
Intestine_Sm		Digestive	ENC5R565EM	ENC18204KJ	ENC58957LJ	AG5008	LN4088	DS17844		Digestive	Small Intestine	Primary	Primary	Endoderm	Intestine_Sm	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	20.3	710000	A-Surrogate	2011-01-26	36481525	0.4495	49070	49138		
Muscle_arm			ENC5R775QDQ	ENC18473JL	ENC58546VY	AG5007	LN4089	DS17848		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_arm	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	3.8	3.8	387000	A-Surrogate	2011-01-26	29629862	0.483	57674	57171	
Muscle_back		Musculoskeletal	ENC5R072NBR	ENC18623JC	ENC58174AG	AG5006	LN4090	DS17850		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_back	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	4.3	7470000	A-Surrogate	2011-01-26	28535351	0.5617	64635	64459	
Thymus			ENC5R541UPY	ENC18757WVW	ENC58949PM	AG5005	LN4094	DS17875	DS17876	Hematopoietic	Blood	Primary	Primary	Mesoderm	Thymus	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	4.1	7880000	A-Surrogate	40571	2828191	0.3548	43655	43452		
Muscle_back			ENC5R541UPY	ENC18757WVW	ENC58949PM	AG5005	LN4094	DS17875	DS17876	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Thymus	Fetal	980	F		HC2964		Baseline protocol	Experiment protocol	PE	mi-EuTE	100	33.3	7880000	A-Surrogate	2011-01-28	76560397	0.3548	70158	69902	
CD4		Lymphoid	ENC5R167JFX	ENC18175VE	ENC58474JVM	AG5002	LN4097	DS17881		Digestive	Stomach	Primary	Primary	Mesoderm	Stomach	Adult	37Y	M	Hsp	RO 1701		Baseline protocol	Experiment protocol	PE	mi-EuTE	120	1.7	610000	Buffer	A	2011-01-31	57943524	0.6346	139474	139364	
CD14			ENC5R874JL	ENC18860QAS	ENC583759J	AG5001	LN4099	DS17889		Hematopoietic	Myeloid	Blood	Primary	Primary	Mesoderm	CD14	Adult	37Y	M	Hsp	RO 1701		Baseline protocol	Experiment protocol	PE	mi-EuTE	80	8.1	8420000	Buffer	A	2011-02-01	22897414	0.4395	50048	49885
Lung_L		Pulmonary devel.	ENC5R298NS	ENC18054AJ	ENC58467JF	AG5000	LN4107	DS17954		Respiratory	Lung	Primary	Primary	Endoderm	Lung	Fetal	1000	F		HC4005		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	40	581000	A-Surrogate	2011-02-07	48989075	0.5952	80027	85632		
Stomach			ENC5R580AAU	ENC18652QZQ	ENC58444VX	AG5008	LN4074	DS17785		Digestive	Large Intestine	Primary	Primary	Endoderm	Stomach	Fetal	1080	F		HC4005		Baseline protocol	Experiment protocol	PE	mi-EuTE	60	13.1	5160000	A-Surrogate	2011-02-07	32932544	0.5457	92107	99192		
Intestine_Lg			ENC5R11HXE	ENC1838CUL	ENC58758M6	AG5008	LN4109	DS17963		Digestive	Stomach	Primary	Primary	Endoderm	Stomach	Fetal</																				

Biological name	Vocabulary abbreviations	DOC Experiment ID	DOC Locus ID	DOC Biosample ID	Atlas Aggregation ID	Atlas Locus ID	Atlas Biosample ID	Relevant cell types	System	Skeleton	Organ	Biosample type	Biosample name	Genotype	Description	Growth stage	Age	Sex	Ethnicity	Donor ID	Biosample protocol	Experiment protocol	Library & strand	Library sequencing	Overall protocol	Amount (Nucleic Acid)	Read count	Protein number	Library sequencing rate	Read used	DOC RPI score	Pathologic RPI score	DRG index	
Skin_fibro_bac		ENC5R07XUN	ENCL8905VT	ENC5R35C0CQ	AG5922	LN4490	DS19233	DS19174	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_bac	Fetal	96D	M			HA2418	Biobanking protocol	Experiment protocol	TS	miRNA	60	24.8	13120000	PS-A	2011-05-26	30520874	0.6912	0.8027	84973	
Kidney_renal_pelv		ENC5R084EH	ENCL89084P	ENC5R82C7P	AG5923	LN4491	DS19234	DS19175	Connective	Kidney	Primary	Primary	Mesoderm	Kidney_renal_pelv_R	Fetal	100D	M			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	18.6	680000	Au-Suome	2011-05-26	2628437	0.3721	0.317	467	
Kidney_renal_pelv		ENC5R298BL	ENCL8242EX	ENC5R54ANN	AG5920	LN4492	DS19138		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_pelv_R	Fetal	96D	M			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	3	2160000	Au-Suome	2011-05-26	32035358	0.483	47624	44970	
Kidney_renal_corti		ENC5R268QIN	ENCL8240NN	ENC5R81W0W	AG5919	LN4498	DS19254		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti_R	Fetal	100D	M			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	16.7	5710000	Au-Suome	2011-05-31	27336258	0.5307	46303	46045	
Kidney_renal_corti		ENC5R268BYE	ENCL8732DF	ENC5R563CQC	AG5918	LN4499	DS19257		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti_R	Fetal	100D	M			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	32.7	6700000	Au-Suome	2011-05-31	31905465	0.5349	55648	55678	
Muscle_arm		ENC5R0302YH	ENCL8302YH	ENC5R563CQC	AG5917	LN4500	DS19256		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_arm	Fetal	96D	M			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	7.3	400000	Au-Suome	2011-06-01	2439113	0.5542	45401	45408
Muscle_leg		ENC5R297YRG	ENCL8287OF	ENC5R5690CQ	AG5916	LN4502	DS19172		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_leg	Fetal	96D	M			HA2444	Biobanking protocol	Experiment protocol	TS	miRNA	60	17.6	6300000	Au-Suome	2011-06-01	4471180	0.5665	79692	79401
Muscle_upper_bac		ENC5R066CUC	ENCL8823PH	ENC5R47MAQ	AG5915	LN4506	DS19283		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_upper_bac	Fetal	96D	M			HA2444	Biobanking protocol	Experiment protocol	TS	miRNA	60	16.3	2160000	Au-Suome	2011-06-03	2956449	0.4184	34487	34248
Muscle_leg		ENC5R294QCR	ENCL8128BO	ENC5R143XVJ	AG5913	LN4510	DS19291		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_leg	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	14.4	5040000	Au-Suome	2011-06-03	25614262	0.5248	52107	51514
Muscle_arm		ENC5R084EPN	ENCL8737PU	ENC5R5972VJ	AG5912	LN4511	DS19195		Mesoderm	Kidney	Primary	Primary	Mesoderm	Muscle_arm	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	14.1	500000	Au-Suome	2011-06-07	36848570	0.5389	73475	73254	
Mesoderm	Primitive / embryonic	ENC5R714DF	ENCL8903DN	ENC5R52MANJ	AG5911	LN4515	DS19110	DS19172	Embryonic	Germ	Lines	ESC	Primitive	Mesoderm	Embryo	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	25.5	597000	Buffer A	2011-06-07	22697163	0.5552	43559	43742
Muscle_arm		ENC5R309YDN	ENCL8379MQ	ENC5R821ZEX	AG5910	LN4520	DS19180		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_arm	Fetal	85D	F			HA2472	Biobanking protocol	Experiment protocol	TS	miRNA	60	17.9	6840000	Au-Suome	2011-06-10	31785183	0.5176	58508	58226
Muscle_upper_bac		ENC5R193LJY	ENCL8418RV	ENC5R825QM7	AG5909	LN4522	DS19184		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_upper_bac	Fetal	85D	F			HA2472	Biobanking protocol	Experiment protocol	TS	miRNA	60	12.5	5130000	Au-Suome	2011-06-10	33193087	0.552	61800	61685
Kidney_renal_corti		ENC5R364TKL	ENCL8088RK	ENC5R789K7Z	AG5908	LN4523	DS19188		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti	Fetal	97D	M			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	9.4	4410000	Au-Suome	2011-06-10	25427379	0.4476	41133	40905	
Placenta	Placental / trophoblast	ENC5R064RAX	ENCL855AOL	ENC5R759GJS	AG5906	LN4525	DS19191		Fetal Life Support	Placenta	Primary	Primary	Endoderm	Placenta	Fetal	85D	F			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	16.7	4500000	Au-Suome	2011-06-10	34069627	0.5477	48699	48306	
Heart	Cardiac	ENC5R392GCE	ENCL8150PN	ENC5R127XKX	AG5905	LN4528	DS191427		Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Heart	Fetal	120D	M			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	22.7	7280000	Au-Suome	2011-06-15	4019014	0.6327	89352	74620
Heart	Cardiac	ENC5R064GBH	ENCL862CQC	ENC5R547JAA	AG5904	LN4529	DS191431		Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Heart	Fetal	91D	F			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	7.8	4590000	Au-Suome	2011-06-15	3745404	0.6242	74897	74883
Muscle_leg		ENC5R0059JM	ENCL8641KW	ENC5R52BZJL	AG5907	LN4534	DS19198		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_leg	Fetal	101D	M			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	11	680000	Au-Suome	2011-06-13	20987817	0.5552	43559	43742
Muscle_back		ENC5R174GXG	ENCL8279NV	ENC5R136EJO	AG5902	LN4533	DS191441		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_back	Fetal	101D	M			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	100	25.8	4000000	Au-Suome	2011-06-20	27952000	0.5195	52039	51783
Skin_fibro_scalp		ENC5R360LBD	ENCL8613QN	ENC5R890FLN	AG5901	LN4534	DS191444	DS191448	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_scalp	Fetal	100D	M			HA2479	Biobanking protocol	Experiment protocol	TS	miRNA	60	18.6	16200000	PS-A	2011-06-20	2533646	0.6399	78778	78729	
Skin_fibro_upper_bac	Tissue A	ENC5R770ZRN	ENCL8918ED	ENC5R180EDA	AG5900	LN4535	DS191449	DS191444	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_upper_bac	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	13.7	10000000	PS-A	2011-06-20	27413336	0.7953	24189	24149	
Skin_fibro_abdomen	Tissue B	ENC5R197WVZ	ENCL8918ED	ENC5R180EDA	AG5900	LN4535	DS191449	DS191444	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_abdomen	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	10.7	2671000	PS-A	2011-06-20	3232299	0.4428	36033	35981	
Skin_fibro_abdomen	Tissue B	ENC5R227WS	ENCL8619KH	ENC5R599YIE	AG5898	LN4537	DS191661	DS191658	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_abdomen	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	13	18600000	PS-A	2011-06-28	265470134	0.611	235278	235679	
Muscle_leg		ENC5R861NAN	ENCL8340MB	ENC5R841QLZ	AG5897	LN4607	DS191643		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_leg	Fetal	104D	M			HA2497	Biobanking protocol	Experiment protocol	TS	miRNA	60	16.9	5960000	Au-Suome	2011-07-01	27853031	0.5248	52756	52581
Muscle_arm		ENC5R951DEX	ENCL866YFE	ENC5R47LPUJ	AG5896	LN4608	DS191646		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_arm	Fetal	104D	M			HA2497	Biobanking protocol	Experiment protocol	TS	miRNA	60	15.8	6840000	Au-Suome	2011-07-01	28747559	0.5391	43070	43728
Muscle_back		ENC5R141NSO	ENCL8015UC	ENC5R1512UTM	AG5895	LN4609	DS191648		Musculoskeletal	Skeletal Muscle	Muscle	Primary	Primary	Mesoderm	Muscle_back	Fetal	104D	M			HA2497	Biobanking protocol	Experiment protocol	TS	miRNA	100	25.8	5700000	Au-Suome	2011-07-05	67908441	0.627	12006	11967
Skin_fibro_upper_bac	Tissue A	ENC5R870VZJ	ENCL8279NV	ENC5R136EJO	AG5904	LN4610	DS191666		Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_upper_bac	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	21.5	1700000	PS-A	2011-07-07	2570295	0.5771	73652	73509	
Skin_fibro_upper_bac	Tissue A	ENC5R332LJY	ENCL8015UC	ENC5R1512UTM	AG5895	LN4632	DS191706	DS20056	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_upper_bac	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	4.8	19400000	PS-A	2011-07-08	27576616	0.6597	252156	251957	
Skin_fibro_bicip	Tissue B	ENC5R336BLX	ENCL8034EP	ENC5R136EJO	AG5892	LN4644	DS191745	DS191761	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_bicip_R	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	13.4	15600000	PS-A	2011-07-14	33890439	0.6875	25424	25430	
Skin_fibro_bicip	Tissue B	ENC5R587SM	ENCL8416LU	ENC5R136EJO	AG5891	LN4647	DS191761	DS191745	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_bicip_R	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	100	23.9	7680000	PS-A	2011-07-14	33890439	0.6875	85191	85152	
T_4T0		ENC5R0059JM	ENCL8641KW	ENC5R52BZJL	AG5907	LN4534	DS19198		Mesoderm	Kidney	Primary	Primary	Mesoderm	Kidney_corti_line derived from an embryo	Adult	54Y	F			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	120	30.5	15840000	PS-A	2011-07-15	35058743	0.5552	43559	43742
T_4T0		ENC5R0059JM	ENCL8641KW	ENC5R52BZJL	AG5907	LN4534	DS19198		Integumentary	Mammary	Cancer	Primary	Primary	Ectoderm	human epithelial cell line derived from an mammary	Adult	54Y	F			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	44.9	21400000	PS-A	2011-07-15	25303391	0.5005	190233	179047
Skin_fibro_bicip_i		ENC5R587SM	ENCL8416LU	ENC5R136EJO	AG5891	LN4643	DS191761	DS191745	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_bicip_i	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	7.1	16400000	PS-A	2011-07-21	28915533	0.6151	79870	79899	
Skin_fibro_bicip_i		ENC5R64GDP	ENCL8918ED	ENC5R180EDA	AG5899	LN4665	DS191867	DS191857	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_bicip_i	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	15.7	16400000	PS-A	2011-07-21	26272215	0.6234	70013	70045	
Skin_fibro_upper_bac		ENC5R217RVN	ENCL8918ED	ENC5R180EDA	AG5900	LN4666	DS191868	DS191858	Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_upper_bac	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	21.5	1700000	PS-A	2011-07-26	24783640	0.5889	29863	29863	
Skin_fibro_leg_R	Tissue A	ENC5R392GCE	ENCL862CQC	ENC5R547JAA	AG5904	LN4687	DS191943		Connective	Skin	Primary	Primary	Mesoderm	Skin_fibro_leg_R_quad	Fetal	97D	M			HA2459	Biobanking protocol	Experiment protocol	TS	miRNA	60	14.7	16100000	PS-A	2011-07-26	41963271	0.5841	105642	104979	
Kidney_renal_corti		ENC5R932DHT	ENCL826YMA	ENC5R657UUF	AG5886	LN4705	DS20018		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti	Fetal	96D	F			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	15	3550000	Au-Suome	2011-08-01	29912961	0.5394	56479	56209	
Kidney_renal_pelv		ENC5R060UAM	ENCL8680UC	ENC5R930ET7	AG5885	LN4706	DS20022		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_pelv	Fetal	96D	F			HA2432	Biobanking protocol	Experiment protocol	TS	miRNA	60	17.3	13500000	Au-Suome	2011-08-01	34849066	0.5190	60009	60393	
Kidney_renal_corti		ENC5R022EC	ENCL8022FH	ENC5R7302UJ	AG5884	LN4707	DS20024		Renal	Kidney	Primary	Primary	Mesoderm	Kidney_renal_corti	Fetal	96D	F			HA2435	Biobanking protocol	Experiment protocol	TS	miRNA	60	7.6	2800000	Au						

Organ name	Vocabulary abbreviations	DCC Experiment ID										Braining protocol	Experiment protocol	Library A name	Library B name	Overall protocol	Amount (Nucleic Acid)	Nucleic acid	Protein number	Library sequencing name	Read name	DCC-SPOT score	Peak-to-peak score	DCC-SPOT score	Peak-to-peak score		
		DCC Experiment ID	DCC Library ID	DCC Experiment ID	DCC Library ID	DCC Experiment ID	DCC Library ID	DCC Experiment ID	DCC Library ID	DCC Experiment ID	DCC Library ID																
Ovary		ENCSR428XAA	ENCL8719FN	ENCSR454UEJ	G5831	LN10069	DS17445	Gem/urology	Gonad	Primary	Mesoderm	Ovary	Fetal	1100	107D	F	H24204	1011									
Muscle, leg		ENCSR326QDQ	ENCL8719GN	ENCSR584UEJ	G5831	LN10070	DS18430	Mesoderm	Muscle	Primary	Mesoderm	Muscle	Fetal	850	F	F	H24279										
Muscle, leg		ENCSR19AJXW	ENCL855XUJ	ENCSR584UEJ	G5831	LN10072	DS19182	Mesoderm	Muscle, leg	Primary	Mesoderm	Muscle, leg	Fetal	850	F	F	H24272										
Lung, R	Pulmonary devel.	ENCSR947VPG	ENCL837ZVP	ENCSR584UEJ	G5831	LN10073	DS21328	Respiratory	Lung	Primary	Endoderm	Lung, R	Fetal	870	M	M	H24026										
Lung, L	Pulmonary devel.	ENCSR444OQH	ENCL8584CH	ENCSR511WUJ	G5837	LN10074	DS21334	Respiratory	Lung	Primary	Endoderm	Lung, L	Fetal	870	M	M	H24026										
Kidney_R		ENCSR988RNF	ENCL8605YR	ENCSR584UEJ	G5831	LN10075	DS20917	Mesoderm	Kidney_R	Primary	Mesoderm	Kidney_R	Fetal	870	F	F	H24084										
Kidney_R		ENCSR332B58	ENCL8517RV	ENCSR580TIC	G5825	LN10077	DS21340	Mesoderm	Kidney_R	Primary	Mesoderm	Kidney_R	Fetal	870	F	F	H24028										
Kidney_R		ENCSR414ZUJ	ENCL8208VB	ENCSR586FUC	G5824	LN10078	DS21044	Mesoderm	Kidney_R	Primary	Mesoderm	Kidney_R	Fetal	1080	M	M	H24095										
Kidney renal_cord	Organ devel. / renal	ENCSR9650YL	ENCL8328FB	ENCSR343NEQ	G5823	LN10079	DS20445	Mesoderm	Kidney cortex	Primary	Mesoderm	Kidney cortex	Fetal	1030	F	F	H24077										
CD4	Lymphoid	ENCSR988QJL	ENCL8270YD	ENCSR424MFE	G5813	LN10089	DS17212	Hematopoietic	T-cell	Primary	Mesoderm	CD4 T-cells	Fetal	980	F	F	H24095										
Kidney_L		ENCSR988QJL	ENCL8270YD	ENCSR424MFE	G5813	LN10089	DS17212	Hematopoietic	T-cell	Primary	Mesoderm	CD4 T-cells	Fetal	980	F	F	H24095										
Kidney_L	Organ devel. / renal	ENCSR292DUJ	ENCL8759WV	ENCSR585NPM	G5820	LN10082	DS20963	Mesoderm	Kidney_L	Primary	Mesoderm	Kidney_L	Fetal	870	F	F	H24082										
Kidney	Organ devel. / renal	ENCSR757EPU	ENCL8470KC	ENCSR5660TH	G5819	LN10083	DS21096	Mesoderm	Kidney	Primary	Mesoderm	Kidney	Fetal	850	M	M	H24008										
Kidney		ENCSR527PAK	ENCL8109FG	ENCSR532C8R	G5818	LN10084	DS20987	Mesoderm	Kidney	Primary	Mesoderm	Kidney	Fetal	1130	F	F	H24084										
Adrenal		ENCSR988RPL	ENCL8491TG	ENCSR523ZNC	G5817	LN10085	DS19583	Endocrine	Adrenal Gland	Primary	Mesoderm	Adrenal	Fetal	1010	F	F	H24279										
Adrenal		ENCSR988RPL	ENCL8491TG	ENCSR523ZNC	G5817	LN10085	DS19583	Endocrine	Adrenal Gland	Primary	Mesoderm	Adrenal	Fetal	850	F	F	H24272										
CD34	Revised / epithelial	ENCSR464ZMN	ENCL8660SU	ENCSR5211TF	G5815	LN10088	DS17234	Hematopoietic	Progenitor	Blood	Primary	Mesoderm	CD 34+ Hematopoietic progenitor cells	Adult	33Y	F	Cauc	RO 1549									
CD4	Lymphoid	ENCSR988QJL	ENCL8270YD	ENCSR424MFE	G5813	LN10089	DS17212	Hematopoietic	T-cell	Primary	Mesoderm	CD4 T-cells	Adult	37Y	M	Hsp	RO 1701										
CD4	Lymphoid	ENCSR988QJL	ENCL8270YD	ENCSR424MFE	G5813	LN10089	DS17212	Hematopoietic	T-cell	Primary	Mesoderm	CD4 T-cells	Adult	31Y	M	Cauc	RO 17216										
Kidney	Organ devel. / renal	ENCSR757EPU	ENCL8470KC	ENCSR5660TH	G5819	LN10083	DS21096	Mesoderm	Kidney	Primary	Mesoderm	Kidney	Fetal	1050	M	M	H24100										
Muscle, back		ENCSR476SDS	ENCL8952DB	ENCSR121WAZ	G5811	LN10114	DS21048	Musculoskeletal	Muscle, back	Primary	Mesoderm	Muscle, back	Fetal	1080	M	M	H24095										
Muscle, back		ENCSR464GJD	ENCL8963DG	ENCSR363C8R	G5810	LN10107	DS20988	Mesoderm	Kidney	Primary	Mesoderm	Kidney	Fetal	1130	F	F	H24084										
CD4		ENCSR988QJL	ENCL8270YD	ENCSR424MFE	G5813	LN10089	DS17212	Hematopoietic	Lymphoid	Blood	Primary	Mesoderm	Burkitts Lymphoma	Child	3Y	F	Cauc	RO 17216									
Namela_0 - Senda		ENCSR9662HM	ENCL8124CO	ENCSR10565G	G5836	LN20058	DS21066	Hematopoietic	Lymphoid	Blood	Cancer	Mesoderm	Burkitts Lymphoma	Child	3Y	F	Cauc	RO 17216									
Namela_0 - Senda		ENCSR3010GM	ENCL855XUJ	ENCSR5660TH	G5819	LN20069	DS22820	Hematopoietic	Lymphoid	Blood	Cancer	Mesoderm	Burkitts Lymphoma	Child	3Y	F	Cauc	RO 17216									
MCF10A_ER_SRC	Cancer / epithelial	ENCSR752EPI	ENCL8997DA	ENCSR8417GL	G5836	LN20086	DS22985	Epithelial	Mammary	Cancer	Endoderm	Mammary epithelial cells	Adult	36Y	F	Cauc	RO 17216										
MCF10A_ER_SRC	Cancer / epithelial	ENCSR752EPI	ENCL8997DA	ENCSR8417GL	G5836	LN20086	DS22985	Epithelial	Mammary	Cancer	Endoderm	Mammary epithelial cells	Adult	36Y	F	Cauc	RO 17216										
RPMI_8226		ENCSR988RNF	ENCL8605YR	ENCSR584UEJ	G5831	LN10075	DS20917	Hematopoietic	Myeloid	Blood	Cancer	Endoderm	Human plasmacytoma (myeloma) from peripheral	Adult	61Y	M	Cauc	RO 17216									
NCL_H460		ENCSR000FJH	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Respiratory	Lung	Cancer	Endoderm	Human large cell lung carcinoma	Adult	37Y	M	Cauc	RO 17216										
NCL_H460		ENCSR000FJH	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Respiratory	Lung	Cancer	Endoderm	Human large cell lung carcinoma	Adult	37Y	M	Cauc	RO 17216										
NCJH100		ENCSR000FJH	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Respiratory	Lung	Cancer	Endoderm	Human large cell lung carcinoma	Adult	37Y	M	Cauc	RO 17216										
NCJH100		ENCSR000FJH	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Respiratory	Lung	Cancer	Endoderm	Human large cell lung carcinoma	Adult	37Y	M	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer	Endoderm	Human skin malignant melanoma	Adult	24Y	F	Cauc	RO 17216										
SK_MEL_5		ENCSR000FEK	ENCL8332YZ	ENCSR514AAA	G5832	LN20107	DS23114	Integumentary	Skin	Cancer																	

Biobanking name	Vocabulary representative	DOI Experiment ID			Atlas Aggregation ID			Replicate indicators	System	Subsystem	Organ	Biobanking type	Biological sex	Genotype	Description	Growth stage	Age	Sex	Ethnicity	Donor ID	Biobanking protocol	Experiment protocol	Library & method	Library cleanup	Overall method	Amount (nucleic acid (ng))	Nucleic acid	Protease inhibitor	Library sequencing date	Reads used	DOC-BPCT score	Pre-biobanking peaks	DOC-BP index
		DOI Experiment ID	DOI Library ID	DOI Biobanking ID	Atlas Aggregation ID	Atlas Library ID	Atlas Biobanking ID																										
NPC		ENC5R36DXIS	ENCLB182LEM	ENC8S752TEN	AG6943	LN43504A DS55951A DS39609C			Nervous	Germ	Lines	ESC	Endoderm	Ecto Neural Progenitor Cells, differentiated from	Embryonic	53Y	M				Biobanking protocol	Experiment protocol	ThruPLEX		1.58	78000		2017-01-05	285234920	0.3837	136721	133874	
DE	Primaries / embryonic	ENC5R168KPY	ENCLB359N7X	ENC8S08BT6K	AG6944	LN43605A DS55623A DS39603C			Embryonic	Germ	Lines	ESC	Endoderm	Definitive Endoderm #2, differentiated from H9	Embryonic	53Y	M				Biobanking protocol	Experiment protocol	ThruPLEX		1.1	540000		2017-01-05	457497776	0.5445	312848	307202	
ISL1		ENC5R224FOA	ENCLB178HHV	ENC8S928AKR	AG6945	LN43610A DS55538A DS39591C			Endocrine	Pancreas	Lines	ESC	Endoderm	Islet positive cells, mesoderm lineage, differentiated from H9	Embryonic	53Y	M				Biobanking protocol	Experiment protocol	ThruPLEX		1.9	800000		2017-01-05	400782003	0.481	304415	298737	
limb		ENC5R818JGZ	ENCLB281FQD	ENC8S254AOS	AG7445	LN44778B DS38801B			Musculoskeletal	Bone	Primary	Primary	Mesoderm	Limbs		Fetal	53D	U		H26672	Biobanking protocol	Experiment protocol	ThruPLEX		1.5	920000	A+Suorse	248234335	0.5333	121697	119794		
lPlacenta	Placental / trophoblast	ENC5R498FY	ENCLB522QPG	ENC8S428CZC	AG7433	LN44778B DS39148B			Fetal Life Support	Placenta	Primary	Primary	Endoderm	Placenta		Fetal	53D	U		H26691	Biobanking protocol	Experiment protocol	ThruPLEX		1.1	1140000	A+Suorse	229554104	0.5536	145196	144017		
lBone_arm_left		ENC5R978XOY	ENCLB068BVD	ENC8S104ACH	AG7434	LN44768B DS39408B			Musculoskeletal	Bone	Primary	Primary	Mesoderm	bone arm left		Fetal	81D	M		H26710	Biobanking protocol	Experiment protocol	ThruPLEX		0.53	200000	A+Suorse	198305332	0.4599	113852	110550		
lBone_arm_right		ENC5R274SDO	ENCLB611QCS	ENC8S582SLC	AG7435	LN44761B DS39410B			Musculoskeletal	Bone	Primary	Primary	Mesoderm	bone arm right		Fetal	81D	M		H26710	Biobanking protocol	Experiment protocol	ThruPLEX		0.64	405000	A+Suorse	209830536	0.4839	121344	118817		
lBone_leg_left		ENC5R431UEM	ENCLB988UAS	ENC8S490PBA	AG7436	LN44782A DS39413A			Musculoskeletal	Bone	Primary	Primary	Mesoderm	bone leg left		Fetal	81D	M		H26710	Biobanking protocol	Experiment protocol	ThruPLEX		0.5	435000	A+Suorse	193090319	0.6144	122771	121003		
lBone_leg_right	Musculoskeletal	ENC5R448HQH	ENCLB088WV	ENC8S161DAX	AG7437	LN44783A DS39417A			Musculoskeletal	Bone	Primary	Primary	Mesoderm	bone leg right		Fetal	81D	M		H26710	Biobanking protocol	Experiment protocol	ThruPLEX		0.82	570000	A+Suorse	244081902	0.6082	141501	139976		
lKidney	Organ devel. / renal	ENC5R782ZVA	ENCLB005SR	ENC8S530DRL	AG7446	LN45031A DS23385A			Renal	Kidney	Primary	Primary	Mesoderm	Kidney		Fetal	59D	F		H25200	Biobanking protocol	Experiment protocol	ThruPLEX		1.2	513000	Suorse HLB	270878146	0.5523	158472	158211		
lKidney	Organ devel. / renal	ENC5R873ANE	ENCLB704GMO	ENC8S384TUR	AG7438	LN45032A DS24714A			Renal	Kidney	Primary	Primary	Mesoderm	Kidney		Fetal	76D	M		H25574	Biobanking protocol	Experiment protocol	ThruPLEX		2.8	652000	A+Suorse	201422542	0.7026	146243	145983		
lKidney	Organ devel. / renal	ENC5R873ANE	ENCLB759USM	ENC8S869IAZ	AG7439	LN45033A DS24801A			Renal	Kidney	Primary	Primary	Mesoderm	Kidney		Fetal	76D	F		H25614	Biobanking protocol	Experiment protocol	ThruPLEX		1.4	351000	A+Suorse	221974192	0.5376	129558	125754		
lLung		ENC5R141IUS	ENCLB594BSZ	ENC8S693GFV	AG7447	LN45034A DS24806A			Respiratory	Lung	Primary	Primary	Endoderm	Lung		Fetal	76D	F		H25614	Biobanking protocol	Experiment protocol	ThruPLEX		1.4	207000	A+Suorse	258909360	0.6379	138795	137697		
lKidney	Organ devel. / renal	ENC5R792ZVA	ENCLB049MNH	ENC8S135SJC	AG7440	LN45035A DS24814A			Renal	Kidney	Primary	Primary	Mesoderm	Kidney		Fetal	59D	U		H25615	Biobanking protocol	Experiment protocol	ThruPLEX		2.186	306000	A+Suorse	237562849	0.6542	142962	142189		
lUmbilical_cord		ENC5R512CWR	ENCLB771UEE	ENC8S518LEK	AG7441	LN45036A DS24820A			Fetal Life Support	Umbilical Cord	Primary	Primary	Endoderm	Umbilical_cord		Fetal	59D	U		H25615	Biobanking protocol	Experiment protocol	ThruPLEX		0.9	120000	A+Suorse	195057523	0.5652	113517	112459		
lBone_femur	Musculoskeletal	ENC5R808XIF	ENCLB236BWW	ENC8S337FPV	AG7442	LN45038B DS36209B			Musculoskeletal	Bone	Primary	Primary	Mesoderm	h.f Bone_femur		Fetal	98D	F		H26513	Biobanking protocol	Experiment protocol	ThruPLEX		8.8	100000	A+Suorse	252086174	0.5923	146918	143556		
lLiver		ENC5R562FNN	ENCLB638FEH	ENC8S275VNV	AG7443	LN45070C DS37372C			Hepatic	Liver	Primary	Primary	Endoderm	h.f Liver		Fetal	113D	F		H26549	Biobanking protocol	Experiment protocol	ThruPLEX		4.48	214000	A+Suorse	190541422	0.3703	78639	75369		
lPlacenta		ENC5R552RKH	ENCLB423VBC	ENC8S569KNL	AG8805	LN45072C DS37389C			Fetal Life Support	Placenta	Primary	Primary	Endoderm	placenta		Fetal	102D	U		H26550	Biobanking protocol	Experiment protocol	ThruPLEX		1.325	105000	A+Suorse	203699532	0.3869	107611	100022		
lPlacenta	Placental / trophoblast	ENC5R552XUJ	ENCLB711ZZZ	ENC8S723HLT	AG7450	LN45076C DS37718C			Fetal Life Support	Placenta	Primary	Primary	Endoderm	Placenta		Fetal	56D	U		H26598	Biobanking protocol	Experiment protocol	ThruPLEX		0.972	138000	A+Suorse	206456483	0.4256	115986	114344		